

# Mineral Industry Surveys

---

**For information, contact:**

Patricia A. Plunkert, Bauxite and Alumina Commodity  
Specialist  
U.S. Geological Survey  
989 National Center  
Reston, VA 20192  
Telephone: (703) 648-4979, Fax: (703) 648-7757  
E-mail: pplunker@usgs.gov

Benjamin S. Goff (Data)  
Telephone: (703) 648-7962  
Fax: (703) 648-7975  
E-mail: bgoff@usgs.gov

**Internet:** <http://minerals.usgs.gov/minerals>

## U.S. TRADE IN BAUXITE AND ALUMINA IN THE THIRD QUARTER 2005

### U.S. Trade Data Comparisons

	Jan.-Sept. 2005*	Percentage change from Jan.-Sept. 2004	Principal source/destination
<u>Crude &amp; Dried Bauxite:</u>			
Imports	7,470	-2%	Brazil (31%), Guinea (24%), Jamaica (21%), Guyana (12%)
Exports	27	13%	Canada (79%), Russia (7%), Mexico (5%)
<u>Calcined Bauxite:</u>			
Imports	224	-21%	China (51%), Australia (29%), Guyana (16%)
Exports	15	1%	Canada (61%), Mexico (30%)
<u>Alumina:</u>			
Imports	1,340	13%	Australia (50%), Suriname (30%), Jamaica (7%), Canada (6%)
Exports	914	-2%	Canada (33%), China (28%), Iceland (13%), Norway (11%)

\* Thousand metric tons

TABLE 1  
U.S. IMPORTS AND EXPORTS OF CRUDE AND DRIED BAUXITE<sup>1</sup>

(Metric tons)

Country	2004	2005			
		First quarter	Second quarter	Third quarter	Year to date
Imports (for consumption):					
Brazil	2,550,000	834,000	812,000	641,000	2,290,000
Guinea	2,320,000	626,000	630,000	574,000	1,830,000
Guyana	1,110,000	265,000	308,000	340,000	913,000
Jamaica <sup>2</sup>	3,340,000	473,000	625,000	466,000	1,560,000
Other	677,000	97,500	277,000	502,000	876,000
Total	10,000,000	2,300,000	2,650,000	2,520,000	7,470,000
Exports:					
Canada	20,800	8,520	8,770	3,700	21,000
Mexico	11,800	819	638	--	1,460
Other	9,150	1,870	774	1,510	4,160
Total	41,800	11,200	10,200	5,210	26,600

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>In 2004, exports to the United States; data from the Jamaica Bauxite Institute.

Sources: U.S. Census Bureau and Jamaica Bauxite Institute; data adjusted by the U.S. Geological Survey.

TABLE 2  
U.S. IMPORTS AND EXPORTS OF CALCINED BAUXITE, BY COUNTRY<sup>1</sup>

(Metric tons)

Country	2004		2005							
			First quarter		Second quarter		Third quarter		Year to date	
	Refrac-tory	Other	Refrac-tory	Other	Refrac-tory	Other	Refrac-tory	Other	Refrac-tory	Other
Imports (for consumption):										
Brazil	--	6,880	--	--	--	409	--	--	--	409
China	116,000	88,400	35,200	18,400	26,500	3,030	18,500	12,900	80,200	34,300
Guyana	35,900	--	14,600	5,920	8,230	2,950	4,420	--	27,200	8,870
Other	13,000	80,300	120	25,200	165	24,900	--	22,500	285	72,700
Total	165,000	176,000	49,900	49,500	34,900	31,300	23,000	35,400	108,000	116,000
Exports:										
Canada	5,000	4,830	1,760	1,520	2,370	984	1,950	840	6,080	3,350
Mexico	839	9,100	66	2,090	122	982	124	1,260	312	4,330
Other	963	405	291	52	6	99	105	760	402	911
Total	6,800	14,300	2,120	3,660	2,500	2,070	2,180	2,860	6,800	8,580

-- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau; data adjusted by the U.S. Geological Survey.

TABLE 3  
U.S. IMPORTS AND EXPORTS OF ALUMINA<sup>1</sup>

(Metric tons, calcined equivalent)

Country	2004	2005			Year to date
		First quarter	Second quarter	Third quarter	
Imports (for consumption): <sup>2</sup>					
Australia	816,000	265,000	185,000	212,000	662,000
Canada	106,000	27,500	22,700	26,000	76,100
India	739	876	2,870	1,230	4,980
Jamaica	59,500	19,000	30,500	41,000	90,500
Suriname	543,000	117,000	129,000	158,000	404,000
Other	128,000	21,800	34,800	42,500	99,000
Total	1,650,000	451,000	405,000	481,000	1,340,000
Exports: <sup>3</sup>					
Canada	144,000	79,800	78,900	143,000	302,000
China	493,000	128,000	45,100	78,700	252,000
Mexico	53,900	14,100	19,600	18,600	52,300
Norway	303,000	31,800	35,100	36,800	104,000
Other	234,000	81,200	57,500	65,400	204,000
Total	1,230,000	335,000	236,000	342,000	914,000

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes imports of aluminum hydroxide: 144,000 tons in 2004; 26,100 tons in the first quarter, 27,500 tons in the second quarter, and 38,400 tons in the third quarter of 2005.

<sup>3</sup>Includes exports of aluminum hydroxide: 47,600 tons in 2004; 11,400 tons in the first quarter, 15,800 tons in the second quarter, and 13,500 tons in the third quarter of 2005.

Source: U.S. Census Bureau; data adjusted by the U.S. Geological Survey.